Appendix D. Current adequacy status of FSSI stocks and stock complexes. Changes in assessment information relative to the previous fish assessment quarterly report are highlighted with bold, red text. Hyperlinks provide access to stock-sepcific assessment records in Stock SMART

				La	st Assessment	 :	
Science	Jurisdiction		Fiscal		Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
							Indicator stock -
							Golden king crab -
							Eastern Aleutian
		Golden king crab - Aleutian		5	Operational	Yes	Islands
AFSC	NPFMC	Islands	2021		Stock		Indicator stock -
					Assessment		Golden king crab -
							Western Aleutian
							Islands
					Operational		
AFSC	NPFMC	Red king crab - Bristol Bay	2020	5	Stock	Yes	
					Assessment		
					Operational		
AFSC	NPFMC	Red king crab - Norton Sound	2021	5	Stock	Yes	
					Assessment		
				_	Operational		
AFSC	NPFMC	Snow crab - Bering Sea	2020	5	Stock	Yes	
					Assessment Operational		
AFSC	NPFMC	Southern Tanner crab - Bering Sea	2020	5	Stock	Yes	
Aisc			2020	,	Assessment	163	
					Operational		
AFSC	NPFMC	Alaska plaice - Bering Sea /	2021	6	Stock	Yes	
		Aleutian Islands			Assessment		
		Arrowtooth flounder Boring			Stock		
AFSC	NPFMC	Arrowtooth flounder - Bering	2021	6	Monitoring	Yes	
		Sea / Aleutian Islands			Update		
		Atka mackerel - Bering Sea /			Operational		
AFSC	NPFMC	Aleutian Islands	2021	6	Stock	Yes	
		<u>Median islands</u>			Assessment		
		Bering Sea / Aleutian Islands			Operational		<u>Indicator stock -</u>
AFSC	NPFMC	Flathead Sole Complex	2021	6	Stock	Yes	Flathead sole - Bering
		·			Assessment		Sea / Aleutian Islands
					Stock		<u>Indicator stock -</u>
AFSC	NPFMC	Bering Sea / Aleutian Islands	2021	6	Monitoring	Yes	Northern rock sole -
	INPFIVIC	Rock Sole Complex		Ŭ	Update	100	Bering Sea / Aleutian
					-		<u>Islands</u>
		Paring Saa / Alautian Islands			Stock		Indicator stock - Alaska
AFSC	NPFMC	Bering Sea / Aleutian Islands Skate Complex	2021	6	Monitoring	Yes	skate - Bering Sea /
		okate complex			Update		<u>Aleutian Islands</u>

				La	st Assessment	<u> </u>	
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
		Greenland halibut - Bering			Stock		
AFSC	NPFMC	Sea / Aleutian Islands	2021	6	Monitoring	Yes	
		Sea / Aleutian Islanus			Update		
		Kamchatka flounder - Bering			Stock		
AFSC	NPFMC	Sea / Aleutian Islands	2021	6	Monitoring	Yes	
		Sea / Aleutian Islanus			Update		
		Northern rockfish - Bering			Operational		
AFSC	NPFMC	Sea / Aleutian Islands	2021	6	Stock	Yes	
		Sea / Aleutian Islanus			Assessment		
					Operational		Accounting practices for
AFSC	NPFMC	Pacific cod - Aleutian Islands	2021	2	Stock	No	2021 changed the
				_	Assessment		classification of this
					0 1		assessment
A ECC	NIDENAC	Desificand Desire Co.	2024	6	Operational	V	
AFSC	NPFMC	Pacific cod - Bering Sea	2021	6	Stock	Yes	
					Assessment Stock		
AFSC	NPFMC	Pacific ocean perch - Bering	2021	6	Monitoring	Yes	
AF3C	INFFINIC	Sea / Aleutian Islands	2021	U	Update	163	
							Accounting practices for
					Operational		2021 changed the
AFSC	NPFMC	Walleye pollock - Bogoslof	2021	2	Stock	No	classification of this
					Assessment		assessment
		Walleye pollock - Aleutian			Stock		
AFSC	NPFMC		2021	6	Monitoring	Yes	
		<u>Islands</u>			Update		
		Walleye pollock - Eastern			Operational		
AFSC	NPFMC	Bering Sea	2021	6	Stock	Yes	
					Assessment		
A.E.C.C	NIDENAC	Yellowfin sole - Bering Sea /	2024	_	Operational	V	
AFSC	NPFMC	Aleutian Islands	2021	6	Stock	Yes	
		Sablefish - Eastern Bering Sea			Assessment		
٨Εςς	NPFMC	/ Aleutian Islands / Gulf of	2021	6	Operational Stock	Voc	
AFSC	INPFIVIC		2021	О	Assessment	Yes	
		<u>Alaska</u>					
AFSC	NPFMC	Arrowtooth flounder - Gulf of	2021	6	Operational Stock	Yes	
Aisc	INFIINIC	<u>Alaska</u>	2021	U	Assessment	162	
					Stock		
AFSC	NPFMC	<u>Dusky rockfish - Gulf of</u>	2021	6	Monitoring	Yes	
		<u>Alaska</u>			Update		
					Stock		
AFSC	NPFMC	Flathead sole - Gulf of Alaska	2021	6	Monitoring	Yes	
					Update		
		Gulf of Alaska Blackspotted			Stock		
AFSC	NPFMC	and Rougheye Rockfish	2021	6	Monitoring	Yes	Assessed as a complex
		Complex			Update		
		Complex			Update		

				La	st Assessment		
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
AFSC	NPFMC	Gulf of Alaska Demersal Shelf Rockfish Complex	2021	2	Operational Stock Assessment	No	Indicator stock - Yelloweye rockfish - Gulf of Alaska Accounting practices for 2021 changed the classification of this assessment
AFSC	NPFMC	Gulf of Alaska Shallow Water Flatfish Complex	2021	6	Stock Monitoring Update	Yes	Indicator stock Northern rock sole - Gulf of Alaska Indicator stock Rock sole - Gulf of Alaska
AFSC	NPFMC	Gulf of Alaska Thornyhead Rockfish Complex	2021	2	Operational Stock Assessment	No	Indicator stock - Shortspine thornyhead - Gulf of Alaska Accounting practices for 2021 changed the classification of this assessment
AFSC	NPFMC	Northern rockfish - Western / Central Gulf of Alaska	2021	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Pacific cod - Gulf of Alaska	2021	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Pacific ocean perch - Gulf of Alaska	2021	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Rex sole - Gulf of Alaska	2021	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	<u>Shortraker rockfish - Gulf of</u> <u>Alaska</u>	2020	2	Operational Stock Assessment	No	Accounting practices for 2021 changed the classification of this assessment
AFSC	NPFMC	Walleye pollock - Western / Central / West Yakutat Gulf of Alaska	2021	6	Operational Stock Assessment	Yes	
NEFSC	MAFMC	Atlantic mackerel - Gulf of Maine / Cape Hatteras	2018	6	Operational Stock Assessment	Yes	
NEFSC	MAFMC	Butterfish - Gulf of Maine / Cape Hatteras	2020	6	Operational Stock Assessment	Yes	

				La	st Assessment	t	
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
		Longfin inshore squid -			Operational		
NEFSC	MAFMC	Georges Bank / Cape	2020	2	Stock	No	
		Hatteras			Assessment		
					Operational		
NEFSC	MAFMC	Northern shortfin squid -	2006	2	Stock	No	
		Northwestern Atlantic Coast			Assessment		
					Operational		
NEFSC	MAFMC	Atlantic surfclam - Mid-	2020	6	Stock	Yes	
		Atlantic Coast			Assessment		
		Oscan guahag Atlantic			Operational		
NEFSC	MAFMC	Ocean quahog - Atlantic	2020	6	Stock	Yes	
		<u>Coast</u>			Assessment		
		Black sea bass - Mid-Atlantic			Operational		
NEFSC	MAFMC		2019	6	Stock	Yes	
		<u>Coast</u>			Assessment		
					Operational		
NEFSC	MAFMC	Bluefish - Atlantic Coast	2019	6	Stock	Yes	
					Assessment		
					Operational		
NEFSC	MAFMC	Scup - Atlantic Coast	2019	6	Stock	Yes	
					Assessment		
		Summer flounder - Mid-			Operational		
NEFSC	MAFMC	Atlantic Coast	2019	6	Stock	Yes	
		Attantic Coast			Assessment		
					Operational		
NEFSC	MAFMC	<u>Tilefish - Mid-Atlantic Coast</u>	2017	6	Stock	Yes	
					Assessment		
	MAFMC/	Goosefish - Gulf of Maine /	2240		Operational		
NEFSC	NEFMC	Northern Georges Bank	2019	2	Stock	No	
					Assessment		
	MAFMC/	Goosefish - Southern	2240		Operational		
NEFSC	NEFMC	Georges Bank / Mid-Atlantic	2019	2	Stock	No	
					Assessment		
	MAFMC/			_	Operational		
NEFSC	NEFMC	Spiny dogfish - Atlantic Coast	2018	5	Stock	Yes	
					Assessment		
		Atlantic herring -			Operational		
NEFSC	NEFMC	Northwestern Atlantic Coast	2020	6	Stock	Yes	
					Assessment		
		Sea scallop - Northwestern			Operational		
NEFSC	NEFMC	Atlantic Coast	2020	6	Stock	Yes	
					Assessment		
.,		Acadian redfish - Gulf of			Operational		
NEFSC	NEFMC	Maine / Georges Bank	2020	6	Stock	Yes	
					Assessment		
NEECC	NICENAC	American plaice - Gulf of	2020	4	Operational	Vas	
NEFSC	NEFMC	Maine / Georges Bank	2020	4	Stock	Yes	
					Assessment		

				La	st Assessment		
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
					Operational		
NEFSC	NEFMC	Atlantic cod - Georges Bank	2020	2	Stock	No	
					Assessment		
					Operational		
NEFSC	NEFMC	Atlantic cod - Gulf of Maine	2020	6	Stock	Yes	
					Assessment		
		Atlantic halibut -			Operational		Two assessments in
NEFSC	NEFMC		2020	1	Stock	No	Two assessments in FY2020
		Northwestern Atlantic Coast			Assessment		F12020
					Operational		
NEFSC	NEFMC	Haddock - Georges Bank	2020	4	Stock	Yes	
					Assessment		
					Operational		
NEFSC	NEFMC	Haddock - Gulf of Maine	2020	6	Stock	Yes	
					Assessment		
		Pollock - Gulf of Maine /			Operational		
NEFSC	NEFMC	Georges Bank	2020	6	Stock	Yes	
		Georges bank			Assessment		
		Red hake - Southern Georges			Operational		
NEFSC	NEFMC		2020	2	Stock	No	
		Bank / Mid-Atlantic			Assessment		
		Silver bake Culf of Maine /			Operational		
NEFSC	NEFMC	Silver hake - Gulf of Maine /	2020	2	Stock	No	
		Northern Georges Bank			Assessment		
		Cilven halta Cauthann			Operational		
NEFSC	NEFMC	Silver hake - Southern	2020	2	Stock	No	
		Georges Bank / Mid-Atlantic			Assessment		
		NATION 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Operational		
NEFSC	NEFMC	White hake - Gulf of Maine /	2020	6	Stock	Yes	
		Georges Bank			Assessment		
		Winter flounder Coorges			Operational		
NEFSC	NEFMC	Winter flounder - Georges	2020	4	Stock	Yes	
		<u>Bank</u>			Assessment		
		Winter flounder - Gulf of			Operational		
NEFSC	NEFMC	Maine	2020	2	Stock	No	
		<u>ivianie</u>			Assessment		
		Winter flounder - Southern			Operational		
NEFSC	NEFMC	New England / Mid-Atlantic	2020	6	Stock	Yes	
		Trew England / Wha / Kharitie			Assessment		
		Witch flounder -			Operational		
NEFSC	NEFMC	Northwestern Atlantic Coast	2020	2	Stock	No	
		Nor thwestern Atlantic Coast			Assessment		
		Yellowtail flounder - Cape			Operational		
NEFSC	NEFMC	Cod / Gulf of Maine	2020	4	Stock	Yes	
		Cod / Gull of Maille			Assessment		

				La	st Assessment		
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
		<u>Yellowtail flounder -</u>			Operational		
NEFSC	NEFMC	Southern New England / Mid-	2020	6	Stock	Yes	
		Atlantic			Assessment		
		Little skate Coorges Bank /			Operational		
NEFSC	NEFMC	<u>Little skate - Georges Bank /</u>	2019	2	Stock	No	
		Southern New England			Assessment		
		Minter cleate Consess Bornin			Operational		
NEFSC	NEFMC	Winter skate - Georges Bank	2020	2	Stock	No	
		/ Southern New England			Assessment		
		Namble and a selection Carthern			Operational		
NWFSC /	PFMC	Northern anchovy - Southern	1996	2	Stock	No	Assessment not available
SWFSC		Pacific Coast			Assessment		in Stock SMART
AUA/ECC /		Decific charle recolusion			Operational		
NWFSC /	PFMC	Pacific chub mackerel -	2021	6	Stock	Yes	
SWFSC		Pacific Coast			Assessment		
NUMERCO /					Operational		
NWFSC /	PFMC	Pacific sardine - Pacific Coast	2021	6	Stock	Yes	
SWFSC					Assessment		
NIMECC /		Arrowtooth flounder - Pacific			Operational		
NWFSC / SWFSC	PFMC		2017	6	Stock	Yes	
SWFSC		<u>Coast</u>			Assessment		
NWFSC /		Aurora rockfish - Pacific			Operational		
SWFSC	PFMC		2013	6	Stock	No	
300730		<u>Coast</u>			Assessment		
NWFSC /					Operational		
SWFSC	PFMC	Big skate - Pacific coast	2019	6	Stock	Yes	
300130					Assessment		
NWFSC /					Stock		
SWFSC	PFMC	Black rockfish - California	2019	6	Monitoring	Yes	
344130					Update		
NWFSC /					Stock		
SWFSC	PFMC	Black rockfish - Oregon	2019	6	Monitoring	Yes	
					Update		
NWFSC/		Blackgill rockfish - Southern			Stock		
SWFSC	PFMC	California	2019	6	Monitoring	Yes	
					Update		
NWFSC/	25146	Bocaccio - Southern Pacific	2247		Operational	.,	
SWFSC	PFMC	Coast	2017	6	Stock	Yes	
					Assessment		
NWFSC/	DEN 4C	Durania analytiah Daritia Carat	2014	_	Operational	NI -	
SWFSC	PFMC	Brown rockfish - Pacific Coast	2014	3	Stock	No	
			<u> </u>		Assessment		Indicator stock
							<u>Indicator stock</u>
					Operational		<u>Cabezon - Northern</u>
NWFSC /	PFMC	Cabezon - California	2019	6	Stock	Yes	<u>California</u>
SWFSC				-	Assessment		Indicator stock
							<u>Cabezon - Southern</u>
			L				<u>California</u>

				La	st Assessment	:	
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
NWFSC /					Operational		
SWFSC	PFMC	Cabezon - Oregon	2019	6	Stock	Yes	
SWFSC					Assessment		
NWFSC /		California Blue and Deacon			Stock		
SWFSC	PFMC		2019	6	Monitoring	Yes	Assessed as a complex
SWFSC		Rockfish Complex			Update		
NWFSC /		California scorpionfish -			Operational		
SWFSC	PFMC		2017	6	Stock	Yes	
300730		Southern California			Assessment		
NWFSC /		Canary rockfish - Pacific			Stock		
SWFSC	PFMC		2020	6	Monitoring	Yes	
SWFSC		<u>Coast</u>			Update		
NWFSC /		Chilipepper - Southern Pacific			Operational		
SWFSC	PFMC		2017	6	Stock	Yes	
SWFSC		<u>Coast</u>			Assessment		
NWFSC /					Operational		
SWFSC	PFMC	Cowcod - Southern California	2019	6	Stock	Yes	
SWFSC					Assessment		
NIMECC /		Darkblotched rockfish -			Stock		
NWFSC /	PFMC		2019	6	Monitoring	Yes	
SWFSC		Pacific Coast			Update		
NUM/ESC /					Stock		
NWFSC /	PFMC	Dover sole - Pacific Coast	2021	6	Monitoring	Yes	
SWFSC					Update		
NIVA/ECC /					Operational		
NWFSC /	PFMC	English sole - Pacific Coast	2013	3	Stock	No	
SWFSC					Assessment		
NIVA/ECC /		Gopher rockfish - Northern			Operational		Assessed as: Gopher /
NWFSC /	PFMC		2019	6	Stock	Yes	Black-and-Yellow Rockfish
SWFSC		<u>California</u>			Assessment		Complex
NIVA/ESC /					Operational		
NWFSC /	PFMC	Kelp greenling - Oregon	2015	6	Stock	No	
SWFSC					Assessment		
NWFSC /		Lingcod - Northern Pacific			Stock		
SWFSC /	PFMC	-	2019	6	Monitoring	Yes	
SVVFSC		<u>Coast</u>			Update		
NWFSC/		Lingcod - Southern Pacific			Stock		
SWFSC	PFMC		2019	6	Monitoring	Yes	
JVVF3C		<u>Coast</u>			Update		
NWFSC/		Longnose skate - Pacific			Operational		
SWFSC /	PFMC		2019	6	Stock	Yes	
SVVF3C		<u>Coast</u>			Assessment		
NWFSC/		Longspine thornyhead -			Operational		
SWFSC /	PFMC		2019	6	Stock	Yes	
SVVF3C		Pacific Coast			Assessment		
NWFSC/		Oregon Blue and Deacon			Operational		
SWFSC /	PFMC		2017	6	Stock	Yes	
SWFSC		Rockfish Complex			Assessment		

				La	st Assessment		
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
NWFSC /		Pacific ocean perch - Pacific			Operational		
SWFSC	PFMC		2018	6	Stock	Yes	
300130		<u>Coast</u>			Assessment		
NWFSC /		Pacific sanddab - Pacific			Operational		Partial acceptance -
SWFSC	PFMC		2013	6	Stock	No	Status determinations
300730		<u>Coast</u>			Assessment		only
NWFSC /					Stock		
SWFSC	PFMC	Petrale sole - Pacific Coast	2019	6	Monitoring	Yes	
300730					Update		
NWFSC /					Operational		
· ·	PFMC	Rex sole - Pacific Coast	2013	3	Stock	No	
SWFSC					Assessment		
NIVA/ECC /					Operational		
NWFSC /	PFMC	Sablefish - Pacific Coast	2021	6	Stock	Yes	
SWFSC					Assessment		
AUA/566 /		Charachia realifich Desific			Operational		
NWFSC /	PFMC	Sharpchin rockfish - Pacific	2013	3	Stock	No	
SWFSC		<u>Coast</u>			Assessment		
		Character Harris Cale Baselin			Operational		
NWFSC /	PFMC	Shortbelly rockfish - Pacific	2007	6	Stock	No	
SWFSC		<u>Coast</u>			Assessment		
					Stock		
NWFSC /	PFMC	<u>Shortspine thornyhead -</u>	2020	6	Monitoring	Yes	
SWFSC		Pacific Coast			Update		
					Operational		
NWFSC /	PFMC	Spiny dogfish - Pacific Coast	2011	6	Stock	No	
SWFSC					Assessment		
,					Operational		
NWFSC /	PFMC	Stripetail rockfish - Pacific	2013	3	Stock	No	
SWFSC		<u>Coast</u>			Assessment		
							Results not considered
NWFSC /					Operational		suitable for use in
SWFSC	PFMC	<u>Vermilion rockfish - California</u>	2006	-6	Stock	No	management. No
					Assessment		previous assessment.
					Stock		1
NWFSC /	PFMC	Widow rockfish - Pacific	2019	6	Monitoring	Yes	
SWFSC		<u>Coast</u>			Update		
					Operational		
NWFSC /	PFMC	Yellowtail rockfish - Northern	2017	6	Stock	Yes	
SWFSC		Pacific Coast			Assessment	. 55	
		Chinook salmon - California			Operational		
NWFSC /	PFMC	Central Valley: Sacramento	2021	3	Stock	Yes	
SWFSC	1 1 1010		2021	٦		163	
		River Fall			Assessment		
NWFSC /		<u>Chinook salmon - Northern</u>			Operational		
SWFSC	PFMC	California Coast: Klamath	2021	4	Stock	Yes	
		River Fall			Assessment		

				La	st Assessment	:	
Science	Jurisdiction		Fiscal	I	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
		American Campa Battamfish			Operational		Charles and an a
PIFSC	WPFMC	American Samoa Bottomfish	2019	3	Stock	Yes	Stock assessed as a
		Multi-species Complex			Assessment		complex
		Cusan labilah Main			Operational		
PIFSC	WPFMC	<u>Green Jobfish - Main</u>	2020	5	Stock	Yes	
		<u>Hawaiian Islands</u>			Assessment		
		Guam Bottomfish Multi-			Operational		Stock assessed as a
PIFSC	WPFMC		2019	3	Stock	Yes	
		species Complex			Assessment		complex
		Main Hawaiian Islands Deep			Operational		Charles and an a
PIFSC	WPFMC	7 Bottomfish Multi-species	2021	3	Stock	Yes	Stock assessed as a
		Complex			Assessment		complex
		Northern Mariana Islands			Operational		
PIFSC	WPFMC	Bottomfish Multi-species	2019	3	Stock	Yes	Stock assessed as a
1 30		Complex	2013		Assessment		complex
					Operational		
PIFSC	WPFMC	Spanner crab - Main	2019	3	Stock	Yes	
11130	VVIIIVIC	<u>Hawaiian Islands</u>	2013	,	Assessment	163	
					Operational		
SEFSC	CFMC	<u>Caribbean spiny lobster -</u>	2020	6	Stock	Yes	
JLI JC	CITVIC	Puerto Rico	2020	0	Assessment	103	
					Operational		
SEFSC	CFMC	<u>Caribbean spiny lobster - St.</u>	2020	6	Stock	Yes	
32130	Crivic	<u>Croix</u>	2020	Ŭ	Assessment	103	
					Operational		
SEFSC	CFMC	<u>Caribbean spiny lobster - St.</u>	2020	6	Stock	Yes	
		<u>Thomas / St. John</u>			Assessment		
					Operational		
SEFSC	GMFMC	Gag - Gulf of Mexico	2014	6	Stock	No	
					Assessment		
		Crow or an area Coulf of			Operational		
SEFSC	GMFMC	Gray snapper - Gulf of	2018	6	Stock	Yes	
		<u>Mexico</u>			Assessment		
		Gray triggerfish - Gulf of			Stock		
SEFSC	GMFMC		2021	6	Monitoring	Yes	
		<u>Mexico</u>			Update		
		Greater amberjack - Gulf of			Operational		
SEFSC	GMFMC	Mexico	2021	6	Stock	Yes	
		IVICAICO			Assessment		
		Hogfish - Eastern Gulf of			Operational		
SEFSC	GMFMC	Mexico	2018	6	Stock	Yes	
		<u>IVICATEO</u>			Assessment		
		Lane snapper - Gulf of			Operational		
SEFSC	GMFMC	Mexico	2020	1	Stock	No	
					Assessment		
65566	C1.451.40	Della de la Colfo CATA	2000		Operational	V	
SEFSC	GMFMC	Red grouper - Gulf of Mexico	2020	6	Stock	Yes	
					Assessment		

				La	st Assessment		
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
					Stock		
SEFSC	GMFMC	Red snapper - Gulf of Mexico	2021	6	Monitoring	Yes	
					Update		
					Operational		Partial acceptance -
SEFSC	GMFMC	Tilefish - Gulf of Mexico	2011	6	Stock	No	Status determinations
					Assessment		only
		Vermilion snapper - Gulf of			Operational		
SEFSC	GMFMC	Mexico	2020	6	Stock	Yes	
		IVIEXICO			Assessment		
		Yellowedge grouper - Gulf of			Operational		
SEFSC	GMFMC	Mexico	2011	6	Stock	No	
		IVIEXICO			Assessment		
		Brown shrimp - Gulf of			Operational		
SEFSC	GMFMC	Mexico	2019	5	Stock	Yes	
		IVIENICO			Assessment		
					Operational		
SEFSC	GMFMC	Pink shrimp - Gulf of Mexico	2019	5	Stock	Yes	
					Assessment		
		Royal red shrimp - Gulf of			Operational		
SEFSC	GMFMC	Mexico	2020	2	Stock	No	
		IVICAICO			Assessment		
		White shrimp - Gulf of			Operational		
SEFSC	GMFMC	Mexico	2019	5	Stock	Yes	
		IVICATOO			Assessment		
		Atlantic sharpnose shark -			Operational		Partial acceptance -
SEFSC	HMS	Atlantic	2014	6	Stock	No	Status determinations
					Assessment		only
		Atlantic sharpnose shark -			Operational		Partial acceptance -
SEFSC	HMS	Gulf of Mexico	2014	6	Stock	No	Status determinations
					Assessment		only
				_	Operational		
SEFSC	HMS	Blacknose shark - Atlantic	2011	6	Stock	No	
					Assessment		
65566	118.46	Block the shoot and a site	2024	-	Operational	V	
SEFSC	HMS	Blacktip shark - Atlantic	2021	6	Stock	Yes	
					Assessment		
SEFSC	HMS	Blacktip shark - Gulf of	2018	6	Operational Stock	Yes	
SEFSC	ПІЛІЭ	Mexico	2010	0	Assessment	163	
					Operational		
SEFSC	HMS	Finetooth shark - Atlantic and	2008	3	Stock	No	
JLI JC	111013	Gulf of Mexico	2008	3	Assessment	NO	
					Assessifient		Assessment for Atlantic
							Large Coastal Shark
		Lemon shark - Atlantic and			Operational		Complex. Results not
SEFSC	HMS	Gulf of Mexico	2006	3	Stock	No	considered suitable for us
		Guil Of IVIENICO			Assessment		in management. No
							previous assessment.
<u> </u>							previous assessificit.

				La	st Assessment		
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
SEFSC	нмѕ	Great hammerhead - Atlantic and Gulf of Mexico	2006	3	Operational Stock Assessment	No	Assessment for Atlantic Large Coastal Shark Complex. Results not considered suitable for us in management. No previous assessment.
SEFSC	HMS	Sandbar shark - Atlantic and Gulf of Mexico	2018	6	Operational Stock Assessment	Yes	
SEFSC	HMS	<u>Scalloped hammerhead -</u> <u>Atlantic</u>	2010	3	Operational Stock Assessment	No	
SEFSC	HMS	Smooth dogfish - Atlantic	2015	6	Operational Stock Assessment	No	
SEFSC	HMS	Smooth hammerhead - Atlantic and Gulf of Mexico	2006	3	Operational Stock Assessment	No	Assessment for Atlantic Large Coastal Shark Complex. Results not considered suitable for us in management. No previous assessment.
SEFSC	SAFMC	<u>Dolphinfish - Southern</u> <u>Atlantic Coast</u>	2001	2	Operational Stock Assessment	No	
SEFSC	SAFMC	Brown rock shrimp - Southern Atlantic Coast	2018	2	Operational Stock Assessment	No	
SEFSC	SAFMC	Brown shrimp - Southern Atlantic Coast	2018	2	Operational Stock Assessment	No	
SEFSC	SAFMC	Pink shrimp - Southern Atlantic Coast	2018	2	Operational Stock Assessment	No	
SEFSC	SAFMC	White shrimp - Southern Atlantic Coast	2018	2	Operational Stock Assessment	No	
SEFSC	SAFMC	Black sea bass - Southern Atlantic Coast	2018	6	Operational Stock Assessment	Yes	
SEFSC	SAFMC	Blueline tilefish - Southern Atlantic Coast	2018	3	Operational Stock Assessment	Yes	
SEFSC	SAFMC	Gag - Southern Atlantic Coast	2021	6	Operational Stock Assessment	Yes	

				La	st Assessment	i	
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
							Results not considered
		Gray triggerfish - Southern			Operational		suitable for use in
SEFSC	SAFMC	Atlantic Coast	2016	-6	Stock	No	management. No
		Atlantic Coast			Assessment		previous accepted
							assessment.
		Greater amberjack -			Operational		
SEFSC	SAFMC	Southern Atlantic Coast	2020	5	Stock	Yes	
		Southern Atlantic Coast			Assessment		
		Red grouper - Southern			Operational		
SEFSC	SAFMC	Atlantic Coast	2017	6	Stock	Yes	
		Attantic Coust			Assessment		
		Red porgy - Southern Atlantic			Operational		
SEFSC	SAFMC	Coast	2020	6	Stock	Yes	
					Assessment		
		Red snapper - Southern			Operational		
SEFSC	SAFMC	Atlantic Coast	2021	6	Stock	Yes	
					Assessment		
25500	64546	Scamp - Southern Atlantic	4000		Operational		Assessment not available
SEFSC	SAFMC	Coast	1998	6	Stock	No	in Stock SMART
					Assessment		
2550	64546	Snowy grouper - Southern	2004		Operational	.,	
SEFSC	SAFMC	Atlantic Coast	2021	6	Stock	Yes	
					Assessment		
SEFSC	SAFMC	Tilefish - Southern Atlantic	2021	6	Operational	Voc	
SEFSC	SAFIVIC	<u>Coast</u>	2021	0	Stock	Yes	
					Assessment Operational		
SEFSC	SAFMC	Vermilion snapper - Southern	2018	6	Stock	Yes	
JLI JC	3AI WIC	Atlantic Coast	2010	U	Assessment	163	
					Operational		
SEFSC	SAFMC /	Cobia - Gulf of Mexico	2020	6	Stock	Yes	
32.30	GMFMC	CODIA GAIL OF WICKIED	-020		Assessment	163	
					Operational		
SEFSC	SAFMC /	King mackerel - Gulf of	2020	6	Stock	Yes	
	GMFMC	<u>Mexico</u>			Assessment		
		Maria de la Caralla de			Operational		
SEFSC	SAFMC /	King mackerel - Southern	2020	6	Stock	Yes	
	GMFMC	Atlantic Coast			Assessment		
	CA 51.40 /	Special manufactual Coult of			Operational		
SEFSC	SAFMC /	Spanish mackerel - Gulf of	2013	6	Stock	No	
	GMFMC	<u>Mexico</u>			Assessment		
	CAENAC /	Spanish mackerel - Southern			Operational		
SEFSC	SAFMC /		2013	6	Stock	No	
	GMFMC	Atlantic Coast			Assessment		
	CA = 1	Black grouper - Southern			Operational		
SEFSC	SAFMC /	Atlantic Coast / Gulf of	2010	6	Stock	No	
	GMFMC	Mexico			Assessment		

			Last Assessment				
Science	Jurisdiction		Fiscal	ı	Assessment	Adequate	
Center(s) ¹	2	Stock	Year	Type ³	Type⁴	?	Assessment Notes
SEFSC	SAFMC /	Mutton snapper - Southern Atlantic Coast / Gulf of Mexico	2015	6	Operational Stock Assessment	No	
SEFSC	GMFMC	Yellowtail snapper - Southern Atlantic Coast / Gulf of Mexico	2020	6	Operational Stock Assessment	Yes	

Footnotes:

- 1 NOAA Fisheries Science Centers include Alaska Fisheries Science Center (AFSC), Northeast Fisheries Science Center (NEFSC), Northwest Fisheries Science Center (NWFSC), Pacific Islands Fisheries Science Center (PIFSC), Southeast Fisheries Science Center (SEFSC) and Southwest Fisheries Science Center (SWFSC). In some cases, assessments are conducted by multiple science centers (e.g. NW/SW and SW/PI).
- 2 Jurisdictions include Caribbean Fishery Management Council (CFMC), Gulf of Mexico Fishery Management Council (GMFMC), Atlantic Highly Migratory Species Division (HMS), Mid-Atlantic Fishery Management Council (MAFMC), New England Fishery Management Council (NEFMC), North Pacific Fishery Management Council (NPFMC), Pacific Fishery Management Council (PFMC), South Atlantic Fishery Management Council (SAFMC) and Western Pacific Fishery Management Council (WPFMC).
- 3 Assessment Model Type: Category of stock assessment model accepted for use in management, as described in the 2018 Next Generation Stock Assessment Improvement Plan document.
- 1 = Data-Limited (e.g. DBSRA, DCAC, Surplus Production MSY, Egg-Escapement, Mean Length Estimation)
- 2 = Index-Based (e.g. AIM, basic linear models and time series analyses)
- 3 = Aggregate Biomass Dynamics (e.g. Schaefer or Pella-Tomlinson Production Models, ASPIC, delay-difference models)
- 4 = Virtual Population Update (e.g. ADAPT, VPA-2BOX)
- 5 = Statistical Catch-at-Length (e.g. SCALE, SS, MultifanCL)
- 6 = Statistical Catch-at-Age (e.g. SS, ASAP, AMAK, BAM, MultifanCL, CASAL)
- 4 Assessment Type: Categorizes the extent to which changes were expored within the assessment model during the stock assessment. Also describes the general level of reviewer scrutiny. These categories are fully described in the 2018 Next Generation Stock Assessment Improvement Plan document.

 Operational Stock Assessment Analyses that include first time applications of previously researched methods ("new" or "benchmark" assessments); applications with updated data streams and minor revisions to methods within the scope of previously researched themes; and applications that simply update the model with the most recent data.

Stock Monitoring Update - Analyses that are generally limited in scope, updating previously utilized models with the most recent catch information to develop new management advice. These are sometimes called partial updates. Because there are no changes in the methods or data series, just updated catch data, these analyses does not warrant intense scrutiny.